



BARGE "B 1907"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 176'-09"

May 21, 2019

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
 P. O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1907"

1 CENTER
INNAGE TYPE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 15'-03 1/2"																	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	11,305	0	24,234	0	36,987	0	49,808	0	62,727	0	75,628	0	88,554	0	101,476	0	114,398
1/4	71	1/4	11,575	1/4	24,503	1/4	37,249	1/4	50,077	1/4	62,986	1/4	75,898	1/4	88,823	1/4	101,746	1/4	114,667
1/2	116	1/2	11,844	1/2	24,772	1/2	37,512	1/2	50,347	1/2	63,265	1/2	76,167	1/2	89,092	1/2	101,915	1/2	114,837
3/4	161	3/4	12,113	3/4	25,042	3/4	37,744	3/4	50,616	3/4	63,533	3/4	76,436	3/4	89,361	3/4	102,284	3/4	115,206
1	206	1	12,383	1	25,311	1	38,036	1	50,885	1	63,802	1	76,705	1	89,631	1	102,553	1	115,475
1/4	341	1/4	12,652	1/4	25,580	1/4	38,298	1/4	51,154	1/4	64,071	1/4	76,974	1/4	89,900	1/4	102,822	1/4	115,744
1/2	476	1/2	12,921	1/2	25,850	1/2	38,560	1/2	51,423	1/2	64,339	1/2	77,244	1/2	90,169	1/2	103,091	1/2	116,014
3/4	611	3/4	13,191	3/4	26,119	3/4	38,822	3/4	51,692	3/4	64,608	3/4	77,513	3/4	90,439	3/4	103,360	3/4	116,283
2	746	2	13,460	2	26,388	2	39,084	2	51,961	2	64,877	2	77,805	2	90,708	2	103,629	2	116,552
1/4	970	1/4	13,729	1/4	26,658	1/4	39,348	1/4	52,231	1/4	65,145	1/4	78,052	1/4	90,977	1/4	103,898	1/4	116,821
1/2	1,195	1/2	13,999	1/2	26,927	1/2	39,612	1/2	52,500	1/2	65,414	1/2	78,321	1/2	91,246	1/2	104,167	1/2	117,091
3/4	1,419	3/4	14,268	3/4	27,196	3/4	39,876	3/4	52,769	3/4	65,683	3/4	78,590	3/4	91,516	3/4	104,436	3/4	117,360
3	1,644	3	14,537	3	27,466	3	40,140	3	53,038	3	65,951	3	78,860	3	91,785	3	104,706	3	117,629
1/4	1,908	1/4	14,807	1/4	27,735	1/4	40,404	1/4	53,307	1/4	66,220	1/4	79,129	1/4	92,054	1/4	104,975	1/4	117,898
1/2	2,172	1/2	15,076	1/2	28,004	1/2	40,668	1/2	53,576	1/2	66,489	1/2	79,398	1/2	92,323	1/2	105,244	1/2	118,168
3/4	2,437	3/4	15,345	3/4	28,274	3/4	40,932	3/4	53,845	3/4	66,757	3/4	79,668	3/4	92,593	3/4	105,513	3/4	118,437
4	2,701	4	15,615	4	28,543	4	41,196	4	54,115	4	67,026	4	79,937	4	92,862	4	105,782	4	118,706
1/4	2,968	1/4	15,884	1/4	28,812	1/4	41,456	1/4	54,384	1/4	67,295	1/4	80,206	1/4	93,131	1/4	106,051	1/4	118,976
1/2	3,234	1/2	16,153	1/2	29,082	1/2	41,734	1/2	54,653	1/2	67,563	1/2	80,475	1/2	93,401	1/2	106,320	1/2	119,245
3/4	3,501	3/4	16,423	3/4	29,351	3/4	42,003	3/4	54,922	3/4	67,832	3/4	80,745	3/4	93,670	3/4	106,589	3/4	119,514
5	3,768	5	16,692	5	29,620	5	42,272	5	55,191	5	68,101	5	81,014	5	93,939	5	106,858	5	119,783
1/4	4,036	1/4	16,961	1/4	29,890	1/4	42,541	1/4	55,460	1/4	68,369	1/4	81,283	1/4	94,208	1/4	107,127	1/4	120,053
1/2	4,304	1/2	17,231	1/2	30,159	1/2	42,810	1/2	55,729	1/2	68,638	1/2	81,552	1/2	94,478	1/2	107,397	1/2	120,322
3/4	4,572	3/4	17,500	3/4	30,428	3/4	43,080	3/4	55,999	3/4	68,907	3/4	81,822	3/4	94,747	3/4	107,666	3/4	120,591
6	4,840	6	17,769	6	30,698	6	43,349	6	56,268	6	69,175	6	82,091	6	95,016	6	107,935	6	120,860
1/4	5,109	1/4	18,039	1/4	30,960	1/4	43,618	1/4	56,537	1/4	69,444	1/4	82,360	1/4	95,285	1/4	108,205	1/4	121,130
1/2	5,378	1/2	18,308	1/2	31,222	1/2	43,887	1/2	56,806	1/2	69,713	1/2	82,630	1/2	95,555	1/2	108,474	1/2	121,399
3/4	5,647	3/4	18,577	3/4	31,484	3/4	44,156	3/4	57,075	3/4	69,981	3/4	82,899	3/4	95,824	3/4	108,743	3/4	121,668
7	5,916	7	18,847	7	31,747	7	44,425	7	57,344	7	70,250	7	83,168	7	96,093	7	109,012	7	121,938
1/4	6,186	1/4	19,116	1/4	32,008	1/4	44,694	1/4	57,613	1/4	70,519	1/4	83,437	1/4	96,363	1/4	109,282	1/4	122,207
1/2	6,455	1/2	19,385	1/2	32,270	1/2	44,964	1/2	57,883	1/2	70,787	1/2	83,707	1/2	96,632	1/2	109,551	1/2	122,476
3/4	6,724	3/4	19,655	3/4	32,532	3/4	45,233	3/4	58,152	3/4	71,056	3/4	83,976	3/4	96,901	3/4	109,820	3/4	122,745
8	6,994	8	19,924	8	32,794	8	45,502	8	58,421	8	71,325	8	84,245	8	97,170	8	110,089	8	123,015
1/4	7,263	1/4	20,193	1/4	33,056	1/4	45,771	1/4	58,690	1/4	71,593	1/4	84,514	1/4	97,440	1/4	110,359	1/4	123,284
1/2	7,532	1/2	20,463	1/2	33,318	1/2	46,040	1/2	58,959	1/2	71,862	1/2	84,784	1/2	97,709	1/2	110,628	1/2	123,553
3/4	7,802	3/4	20,732	3/4	33,580	3/4	46,309	3/4	59,228	3/4	72,131	3/4	85,053	3/4	97,978	3/4	110,897	3/4	123,823
9	8,071	9	21,001	9	33,843	9	46,578	9	59,497	9	72,389	9	85,322	9	98,247	9	111,167	9	124,092
1/4	8,341	1/4	21,271	1/4	34,105	1/4	46,848	1/4	59,767	1/4	72,668	1/4	85,592	1/4	98,517	1/4	111,436	1/4	124,362
1/2	8,610	1/2	21,540	1/2	34,367	1/2	47,117	1/2	60,036	1/2	72,937	1/2	85,861	1/2	98,786	1/2	111,705	1/2	124,631
3/4	8,880	3/4	21,810	3/4	34,629	3/4	47,366	3/4	60,305	3/4	73,206	3/4	86,130	3/4	99,055	3/4	111,974	3/4	124,900
10	9,150	10	22,079	10	34,891	10	47,655	10	60,574	10	73,474	10	86,399	10	99,324	10	112,244	10	125,169
1/4	9,419	1/4	22,348	1/4	35,153	1/4	47,924	1/4	60,843	1/4	73,743	1/4	86,669	1/4	99,593	1/4	112,513	1/4	125,438
1/2	9,689	1/2	22,618	1/2	35,415	1/2	48,193	1/2	61,112	1/2	74,013	1/2	86,938	1/2	99,862	1/2	112,782	1/2	125,707
3/4	9,958	3/4	22,887	3/4	35,677	3/4	48,463	3/4	61,382	3/4	74,282	3/4	87,207	3/4	100,131	3/4	113,052	3/4	125,976
11	10,228	11	23,156	11	35,939	11	48,732	11	61,651	11	74,551	11	87,476	11	100,400	11	113,321	11	126,245
1/4	10,497	1/4	23,426	1/4	36,201	1/4	49,001	1/4	61,920	1/4	74,821	1/4	87,746	1/4	100,669	1/4	113,590	1/4	126,514
1/2	10,767	1/2	23,695	1/2	36,463	1/2	49,270	1/2	62,189	1/2	75,090	1/2	88,015	1/2	100,938	1/2	113,859	1/2	126,783
3/4	11,036	3/4	23,964	3/4	36,725	3/4	49,539	3/4	62,458	3/4	75,359	3/4	88,284	3/4	101,207	3/4	114,129	3/4	127,052

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD



BARGF "IB 1907"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	126,178	0	134,540	0	142,902	0	151,264	0	159,621	0	0	0	0	0	0	0	0	0	0
1/4	126,352	1/4	134,714	1/4	143,076	1/4	151,439	1/4	159,782	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,526	1/2	134,888	1/2	143,251	1/2	151,613	1/2	159,944	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,700	3/4	135,063	3/4	143,425	3/4	151,787	3/4	160,105	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	126,875	1	135,237	1	143,599	1	151,961	1	160,267	1	1	1	1	1	1	1	1	1	1
1/4	127,049	1/4	135,411	1/4	143,773	1/4	152,136	1/4	160,351	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,223	1/2	135,585	1/2	143,947	1/2	152,310	1/2	160,435	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,397	3/4	135,759	3/4	144,122	3/4	152,484	3/4	160,520	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	127,571	2	135,934	2	144,296	2	152,658	2	160,604	2	2	2	2	2	2	2	2	2	2
1/4	127,746	1/4	136,108	1/4	144,470	1/4	152,832	1/4	160,694	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,920	1/2	136,282	1/2	144,644	1/2	153,007	1/2	160,784	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,094	3/4	136,456	3/4	144,819	3/4	153,181	3/4	160,874	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	128,268	3	136,630	3	144,993	3	153,355	3	160,964	3	3	3	3	3	3	3	3	3	3
1/4	128,442	1/4	136,805	1/4	145,167	1/4	153,529	1/4	160,986	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,617	1/2	136,979	1/2	145,341	1/2	153,703	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,791	3/4	137,153	3/4	145,515	3/4	153,878	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	128,965	4	137,327	4	145,689	4	154,052	4	161,009	4	4	4	4	4	4	4	4	4	4
1/4	129,139	1/4	137,502	1/4	145,864	1/4	154,226	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,314	1/2	137,676	1/2	146,038	1/2	154,400	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,488	3/4	137,850	3/4	146,212	3/4	154,575	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	129,662	5	138,024	5	146,386	5	154,749	5	161,009	5	5	5	5	5	5	5	5	5	5
1/4	129,836	1/4	138,198	1/4	146,561	1/4	154,923	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,010	1/2	138,373	1/2	146,735	1/2	155,097	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,185	3/4	138,547	3/4	146,909	3/4	155,271	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	130,359	6	138,721	6	147,083	6	155,446	6	161,009	6	6	6	6	6	6	6	6	6	6
1/4	130,533	1/4	138,895	1/4	147,258	1/4	155,620	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,707	1/2	139,069	1/2	147,432	1/2	155,794	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,881	3/4	139,244	3/4	147,606	3/4	155,968	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	131,056	7	139,418	7	147,780	7	156,142	7	161,009	7	7	7	7	7	7	7	7	7	7
1/4	131,230	1/4	139,592	1/4	147,954	1/4	156,317	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,404	1/2	139,766	1/2	148,129	1/2	156,491	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,578	3/4	139,941	3/4	148,303	3/4	156,665	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	131,753	8	140,115	8	148,477	8	156,839	8	161,009	8	8	8	8	8	8	8	8	8	8
1/4	131,927	1/4	140,289	1/4	148,651	1/4	157,014	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,101	1/2	140,463	1/2	148,825	1/2	157,188	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,275	3/4	140,637	3/4	149,000	3/4	157,362	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	132,449	9	140,812	9	149,174	9	157,536	9	161,009	9	9	9	9	9	9	9	9	9	9
1/4	132,624	1/4	140,986	1/4	149,348	1/4	157,710	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,798	1/2	141,160	1/2	149,522	1/2	157,885	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,972	3/4	141,334	3/4	149,697	3/4	158,059	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	133,146	10	141,508	10	149,871	10	158,233	10	161,009	10	10	10	10	10	10	10	10	10	10
1/4	133,320	1/4	141,683	1/4	150,045	1/4	158,407	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,495	1/2	141,857	1/2	150,219	1/2	158,581	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,669	3/4	142,031	3/4	150,393	3/4	158,755	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	133,843	11	142,205	11	150,568	11	158,929	11	161,009	11	11	11	11	11	11	11	11	11	11
1/4	134,017	1/4	142,380	1/4	150,742	1/4	159,102	1/4	161,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	134,192	1/2	142,554	1/2	150,916	1/2	159,275	1/2	161,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	134,366	3/4	142,728	3/4	151,090	3/4	159,448	3/4	161,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2019 JS
 CALCULATED: 05/21/2019 CL
 PRINTED: 05/21/2019 CL
 CANCELLED AND SUPERCEDED
 ALL PRIOR TO 05/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1907"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.	IN	0 FT.
0	26	0	10,865	0	23,305	0	35,575	0	47,902	0	60,343	0	72,783	0	85,223	0	97,664	0	110,104
1/4	70	1/4	11,124	1/4	23,564	1/4	35,827	1/4	48,162	1/4	60,602	1/4	73,042	1/4	85,483	1/4	97,923	1/4	110,363
1/2	113	1/2	11,383	1/2	23,823	1/2	36,079	1/2	48,421	1/2	60,861	1/2	73,301	1/2	85,742	1/2	98,182	1/2	110,622
3/4	156	3/4	11,643	3/4	24,083	3/4	36,331	3/4	48,680	3/4	61,120	3/4	73,561	3/4	86,001	3/4	98,441	3/4	110,882
1	199	1	11,902	1	24,342	1	36,583	1	48,939	1	61,379	1	73,820	1	86,260	1	98,700	1	111,141
1/4	329	1/4	12,161	1/4	24,601	1/4	36,835	1/4	49,198	1/4	61,639	1/4	74,079	1/4	86,519	1/4	98,960	1/4	111,400
1/2	458	1/2	12,420	1/2	24,860	1/2	37,088	1/2	49,448	1/2	61,898	1/2	74,338	1/2	86,778	1/2	99,219	1/2	111,659
3/4	588	3/4	12,679	3/4	25,119	3/4	37,340	3/4	49,717	3/4	62,157	3/4	74,597	3/4	87,038	3/4	99,478	3/4	111,918
2	717	2	12,938	2	25,378	2	37,592	2	49,976	2	62,416	2	74,856	2	87,297	2	99,737	2	112,177
1/4	933	1/4	13,198	1/4	25,638	1/4	37,844	1/4	50,235	1/4	62,675	1/4	75,116	1/4	87,556	1/4	99,996	1/4	112,437
1/2	1,149	1/2	13,457	1/2	25,897	1/2	38,096	1/2	50,494	1/2	62,935	1/2	75,375	1/2	87,815	1/2	100,255	1/2	112,696
3/4	1,364	3/4	13,716	3/4	26,156	3/4	38,348	3/4	50,753	3/4	63,194	3/4	75,634	3/4	88,074	3/4	100,515	3/4	112,955
3	1,580	3	13,975	3	26,415	3	38,600	3	51,013	3	63,453	3	75,893	3	88,333	3	100,774	3	113,214
1/4	1,834	1/4	14,234	1/4	26,674	1/4	38,852	1/4	51,272	1/4	63,712	1/4	76,152	1/4	88,593	1/4	101,033	1/4	113,473
1/2	2,087	1/2	14,493	1/2	26,933	1/2	39,105	1/2	51,531	1/2	63,971	1/2	76,412	1/2	88,852	1/2	101,292	1/2	113,732
3/4	2,341	3/4	14,753	3/4	27,192	3/4	39,357	3/4	51,790	3/4	64,230	3/4	76,671	3/4	89,111	3/4	101,551	3/4	113,992
4	2,595	4	15,012	4	27,452	4	39,609	4	52,049	4	64,490	4	76,930	4	89,370	4	101,811	4	114,251
1/4	2,851	1/4	15,271	1/4	27,711	1/4	39,868	1/4	52,308	1/4	64,749	1/4	77,189	1/4	89,629	1/4	102,070	1/4	114,510
1/2	3,107	1/2	15,530	1/2	27,970	1/2	40,127	1/2	52,568	1/2	65,008	1/2	77,448	1/2	89,889	1/2	102,329	1/2	114,769
3/4	3,363	3/4	15,789	3/4	28,229	3/4	40,386	3/4	52,827	3/4	65,267	3/4	77,707	3/4	90,148	3/4	102,588	3/4	115,028
5	3,620	5	16,048	5	28,488	5	40,646	5	53,086	5	65,526	5	77,967	5	90,407	5	102,847	5	115,288
1/4	3,877	1/4	16,308	1/4	28,747	1/4	40,905	1/4	53,345	1/4	65,785	1/4	78,226	1/4	90,666	1/4	103,106	1/4	115,547
1/2	4,135	1/2	16,567	1/2	29,007	1/2	41,164	1/2	53,604	1/2	66,045	1/2	78,485	1/2	90,925	1/2	103,366	1/2	115,806
3/4	4,392	3/4	16,826	3/4	29,266	3/4	41,423	3/4	53,863	3/4	66,304	3/4	78,744	3/4	91,184	3/4	103,625	3/4	116,065
6	4,650	6	17,085	6	29,525	6	41,682	6	54,123	6	66,563	6	79,003	6	91,444	6	103,884	6	116,324
1/4	4,908	1/4	17,344	1/4	29,777	1/4	41,941	1/4	54,382	1/4	66,822	1/4	79,262	1/4	91,703	1/4	104,143	1/4	116,583
1/2	5,166	1/2	17,603	1/2	30,029	1/2	42,201	1/2	54,641	1/2	67,081	1/2	79,522	1/2	91,962	1/2	104,402	1/2	116,842
3/4	5,425	3/4	17,863	3/4	30,281	3/4	42,460	3/4	54,900	3/4	67,340	3/4	79,781	3/4	92,221	3/4	104,661	3/4	117,102
7	5,683	7	18,122	7	30,533	7	42,719	7	55,159	7	67,600	7	80,040	7	92,480	7	104,921	7	117,361
1/4	5,942	1/4	18,381	1/4	30,785	1/4	42,978	1/4	55,418	1/4	67,859	1/4	80,299	1/4	92,739	1/4	105,180	1/4	117,620
1/2	6,201	1/2	18,640	1/2	31,037	1/2	43,237	1/2	55,678	1/2	68,118	1/2	80,558	1/2	92,999	1/2	105,439	1/2	117,879
3/4	6,460	3/4	18,899	3/4	31,290	3/4	43,496	3/4	55,937	3/4	68,377	3/4	80,817	3/4	93,258	3/4	105,698	3/4	118,138
8	6,719	8	19,158	8	31,542	8	43,755	8	56,196	8	68,636	8	81,077	8	93,517	8	105,957	8	118,398
1/4	6,978	1/4	19,418	1/4	31,794	1/4	44,015	1/4	56,455	1/4	68,896	1/4	81,336	1/4	93,776	1/4	106,216	1/4	118,657
1/2	7,237	1/2	19,677	1/2	32,046	1/2	44,274	1/2	56,714	1/2	69,155	1/2	81,595	1/2	94,035	1/2	106,476	1/2	118,916
3/4	7,496	3/4	19,936	3/4	32,298	3/4	44,533	3/4	56,974	3/4	69,414	3/4	81,854	3/4	94,294	3/4	106,735	3/4	119,175
9	7,755	9	20,195	9	32,550	9	44,792	9	57,233	9	69,673	9	82,113	9	94,554	9	106,994	9	119,434
1/4	8,014	1/4	20,454	1/4	32,802	1/4	45,052	1/4	57,492	1/4	69,932	1/4	82,373	1/4	94,813	1/4	107,253	1/4	119,693
1/2	8,274	1/2	20,713	1/2	33,054	1/2	45,311	1/2	57,751	1/2	70,191	1/2	82,632	1/2	95,072	1/2	107,512	1/2	119,953
3/4	8,533	3/4	20,973	3/4	33,306	3/4	45,570	3/4	58,010	3/4	70,451	3/4	82,891	3/4	95,331	3/4	107,771	3/4	120,212
10	8,792	10	21,232	10	33,558	10	45,829	10	58,269	10	70,710	10	83,150	10	95,590	10	108,031	10	120,471
1/4	9,051	1/4	21,491	1/4	33,810	1/4	46,088	1/4	58,529	1/4	70,969	1/4	83,409	1/4	95,850	1/4	108,290	1/4	120,730
1/2	9,310	1/2	21,750	1/2	34,063	1/2	46,347	1/2	58,788	1/2	71,228	1/2	83,668	1/2	96,109	1/2	108,549	1/2	120,989
3/4	9,569	3/4	22,009	3/4	34,315	3/4	46,607	3/4	59,047	3/4	71,487	3/4	83,928	3/4	96,368	3/4	108,808	3/4	121,248
11	9,829	11	22,268	11	34,567	11	46,866	11	59,306	11	71,746	11	84,187	11	96,627	11	109,067	11	121,508
1/4	10,088	1/4	22,528	1/4	34,819	1/4	47,125	1/4	59,565	1/4	72,006	1/4	84,446	1/4	96,886	1/4	109,327	1/4	121,767
1/2	10,347	1/2	22,787	1/2	35,071	1/2	47,384	1/2	59,824	1/2	72,265	1/2	84,705	1/2	97,145	1/2	109,586	1/2	122,026
3/4	10,606	3/4	23,046	3/4	35,323	3/4	47,643	3/4	60,084	3/4	72,524	3/4	84,964	3/4	97,405	3/4	109,845	3/4	122,285

GAUGE HEIGHT 15'-02 3/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MMPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD



BARGE "IB 1907"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS				GAUGE HEIGHT 15'-02 3/4"						
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	122,544	0	134,985	147,425	159,865	172,300	184,735	197,170	209,605	222,040
1/4	122,804	1/4	135,244	147,684	160,124	172,564	185,004	197,444	209,884	222,324
1/2	123,063	1/2	135,503	147,943	160,383	172,823	185,263	197,703	210,143	222,583
3/4	123,322	3/4	135,762	148,203	160,643	173,083	185,523	197,963	210,403	222,843
1	123,581	1	136,021	148,462	160,902	173,342	185,782	198,222	210,662	223,102
1 1/4	123,840	1 1/4	136,281	148,721	161,161	173,601	186,041	198,481	210,921	223,361
1 1/2	124,099	1 1/2	136,540	148,980	161,420	173,860	186,300	198,740	211,180	223,620
3/4	124,359	3/4	136,799	149,239	161,680	174,120	186,560	199,000	211,440	223,880
2	124,618	2	137,058	149,498	161,939	174,380	186,820	199,260	211,700	224,140
1/4	124,877	1/4	137,317	149,758	162,198	174,640	187,080	199,520	211,960	224,400
1/2	125,136	1/2	137,576	150,017	162,457	174,900	187,340	199,780	212,220	224,660
3/4	125,395	3/4	137,836	150,276	162,716	175,160	187,600	200,040	212,480	224,920
3	125,654	3	138,095	150,535	162,975	175,420	187,860	200,300	212,740	225,180
1/4	125,914	1/4	138,354	150,794	163,235	175,680	188,120	200,560	213,000	225,440
1/2	126,173	1/2	138,613	151,053	163,494	175,940	188,380	200,820	213,260	225,700
3/4	126,432	3/4	138,872	151,313	163,753	176,200	188,640	201,080	213,520	225,960
4	126,691	4	139,131	151,572	164,012	176,460	188,900	201,340	213,780	226,220
1 1/4	126,950	1 1/4	139,391	151,831	164,271	176,720	189,160	201,600	214,040	226,480
1/2	127,209	1/2	139,650	152,090	164,530	176,980	189,420	201,860	214,300	226,740
3/4	127,469	3/4	139,909	152,349	164,790	177,240	189,680	202,120	214,560	227,000
5	127,728	5	140,168	152,608	165,049	177,500	189,940	202,380	214,820	227,260
1/4	127,987	1/4	140,427	152,868	165,308	177,760	190,200	202,640	215,080	227,520
1/2	128,246	1/2	140,686	153,127	165,567	178,020	190,460	202,900	215,340	227,780
3/4	128,505	3/4	140,946	153,386	165,826	178,280	190,720	203,160	215,600	228,040
6	128,765	6	141,205	153,645	166,085	178,540	190,980	203,420	215,860	228,300
1/4	129,024	1/4	141,464	153,904	166,344	178,800	191,240	203,680	216,120	228,560
1/2	129,283	1/2	141,723	154,163	166,604	179,060	191,500	203,940	216,380	228,820
3/4	129,542	3/4	141,982	154,423	166,863	179,320	191,760	204,200	216,640	229,080
7	129,801	7	142,242	154,682	167,122	179,580	192,020	204,460	216,900	229,340
1/4	130,060	1/4	142,501	154,941	167,381	179,840	192,280	204,720	217,160	229,600
1/2	130,320	1/2	142,760	155,200	167,640	180,100	192,540	205,000	217,420	229,860
3/4	130,579	3/4	143,019	155,459	167,900	180,360	192,800	205,260	217,680	230,120
8	130,838	8	143,278	155,719	168,159	180,620	193,060	205,520	217,940	230,380
1/4	131,097	1/4	143,537	155,978	168,418	180,880	193,320	205,780	218,200	230,640
1/2	131,356	1/2	143,797	156,237	168,677	181,140	193,580	206,040	218,460	230,900
3/4	131,615	3/4	144,056	156,496	168,936	181,400	193,840	206,300	218,720	231,160
9	131,875	9	144,315	156,755	169,196	181,660	194,100	206,560	218,980	231,420
1/4	132,134	1/4	144,574	157,014	169,455	181,920	194,360	206,820	219,240	231,680
1/2	132,393	1/2	144,833	157,274	169,714	182,180	194,620	207,080	219,500	231,940
3/4	132,652	3/4	145,092	157,533	169,973	182,440	194,880	207,340	219,760	232,200
10	132,911	10	145,352	157,792	170,232	182,700	195,140	207,600	220,020	232,460
1/4	133,170	1/4	145,611	158,051	170,491	182,960	195,400	207,860	220,280	232,720
1/2	133,430	1/2	145,870	158,310	170,750	183,220	195,660	208,120	220,540	232,980
3/4	133,689	3/4	146,129	158,569	171,009	183,480	195,920	208,380	220,800	233,240
11	133,948	11	146,388	158,829	171,268	183,740	196,180	208,640	221,060	233,500
1/4	134,207	1/4	146,647	159,088	171,526	184,000	196,440	208,900	221,320	233,760
1/2	134,466	1/2	146,907	159,347	171,784	184,260	196,700	209,160	221,580	234,020
3/4	134,725	3/4	147,166	159,606	172,042	184,520	196,960	209,420	221,840	234,280

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 PRINTED: 05/21/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
<http://www.pmaacorp.net>



BARGE "IB 1907"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/4"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
0	26	0	10,775	0	23,111	0	35,436	0	47,766	0	60,102	0	72,439	0	84,775	0	97,111	0	109,448				
1/4	69	1/4	11,032	1/4	23,368	1/4	35,693	1/4	48,023	1/4	60,359	1/4	72,696	1/4	85,032	1/4	97,368	1/4	109,705				
1/2	112	1/2	11,289	1/2	23,625	1/2	35,949	1/2	48,280	1/2	60,616	1/2	72,952	1/2	85,289	1/2	97,625	1/2	109,962				
3/4	155	3/4	11,546	3/4	23,882	3/4	36,206	3/4	48,537	3/4	60,873	3/4	73,210	3/4	85,546	3/4	97,883	3/4	110,219				
1	198	1	11,803	1	24,139	1	36,462	1	48,794	1	61,130	1	73,467	1	85,803	1	98,140	1	110,476				
1/4	326	1/4	12,060	1/4	24,396	1/4	36,719	1/4	49,051	1/4	61,387	1/4	73,724	1/4	86,060	1/4	98,397	1/4	110,733				
1/2	455	1/2	12,317	1/2	24,653	1/2	36,975	1/2	49,308	1/2	61,644	1/2	73,981	1/2	86,317	1/2	98,654	1/2	110,990				
3/4	583	3/4	12,574	3/4	24,910	3/4	37,232	3/4	49,565	3/4	61,901	3/4	74,238	3/4	86,574	3/4	98,911	3/4	111,247				
2	712	2	12,831	2	25,167	2	37,488	2	49,822	2	62,158	2	74,495	2	86,831	2	99,168	2	111,504				
1/4	925	1/4	13,088	1/4	25,424	1/4	37,745	1/4	50,079	1/4	62,415	1/4	74,752	1/4	87,088	1/4	99,425	1/4	111,761				
1/2	1,139	1/2	13,345	1/2	25,681	1/2	38,002	1/2	50,336	1/2	62,672	1/2	75,009	1/2	87,345	1/2	99,682	1/2	112,018				
3/4	1,353	3/4	13,602	3/4	25,938	3/4	38,258	3/4	50,593	3/4	62,929	3/4	75,266	3/4	87,602	3/4	99,939	3/4	112,275				
3	1,567	3	13,859	3	26,195	3	38,515	3	50,850	3	63,186	3	75,523	3	87,859	3	100,196	3	112,532				
1/4	1,818	1/4	14,116	1/4	26,452	1/4	38,772	1/4	51,107	1/4	63,443	1/4	75,780	1/4	88,116	1/4	100,453	1/4	112,789				
1/2	2,070	1/2	14,373	1/2	26,709	1/2	39,028	1/2	51,364	1/2	63,700	1/2	76,037	1/2	88,373	1/2	100,710	1/2	113,046				
3/4	2,322	3/4	14,630	3/4	26,966	3/4	39,285	3/4	51,621	3/4	63,957	3/4	76,294	3/4	88,630	3/4	100,967	3/4	113,303				
4	2,573	4	14,887	4	27,223	4	39,541	4	51,878	4	64,214	4	76,551	4	88,887	4	101,224	4	113,560				
1/4	2,827	1/4	15,144	1/4	27,480	1/4	39,798	1/4	52,135	1/4	64,471	1/4	76,808	1/4	89,144	1/4	101,481	1/4	113,817				
1/2	3,082	1/2	15,401	1/2	27,737	1/2	40,055	1/2	52,392	1/2	64,728	1/2	77,065	1/2	89,401	1/2	101,738	1/2	114,074				
3/4	3,336	3/4	15,658	3/4	27,994	3/4	40,312	3/4	52,649	3/4	64,985	3/4	77,322	3/4	89,658	3/4	101,995	3/4	114,331				
5	3,590	5	15,915	5	28,251	5	40,569	5	52,906	5	65,242	5	77,579	5	89,915	5	102,252	5	114,588				
1/4	3,845	1/4	16,172	1/4	28,508	1/4	40,826	1/4	53,163	1/4	65,499	1/4	77,836	1/4	90,172	1/4	102,509	1/4	114,845				
1/2	4,100	1/2	16,429	1/2	28,765	1/2	41,083	1/2	53,420	1/2	65,756	1/2	78,093	1/2	90,429	1/2	102,766	1/2	115,102				
3/4	4,356	3/4	16,686	3/4	29,022	3/4	41,340	3/4	53,677	3/4	66,013	3/4	78,350	3/4	90,686	3/4	103,023	3/4	115,359				
6	4,611	6	16,943	6	29,279	6	41,597	6	53,934	6	66,270	6	78,607	6	90,943	6	103,280	6	115,616				
1/4	4,867	1/4	17,200	1/4	29,535	1/4	41,854	1/4	54,191	1/4	66,527	1/4	78,864	1/4	91,200	1/4	103,537	1/4	115,873				
1/2	5,124	1/2	17,457	1/2	29,792	1/2	42,111	1/2	54,448	1/2	66,784	1/2	79,121	1/2	91,457	1/2	103,794	1/2	116,130				
3/4	5,380	3/4	17,714	3/4	30,048	3/4	42,368	3/4	54,705	3/4	67,041	3/4	79,378	3/4	91,714	3/4	104,051	3/4	116,387				
7	5,636	7	17,971	7	30,305	7	42,625	7	54,962	7	67,298	7	79,635	7	91,971	7	104,308	7	116,644				
1/4	5,893	1/4	18,228	1/4	30,561	1/4	42,882	1/4	55,219	1/4	67,555	1/4	79,892	1/4	92,228	1/4	104,565	1/4	116,901				
1/2	6,149	1/2	18,485	1/2	30,818	1/2	43,140	1/2	55,476	1/2	67,812	1/2	80,149	1/2	92,485	1/2	104,822	1/2	117,158				
3/4	6,406	3/4	18,742	3/4	31,075	3/4	43,397	3/4	55,733	3/4	68,069	3/4	80,406	3/4	92,742	3/4	105,079	3/4	117,415				
8	6,663	8	18,999	8	31,331	8	43,654	8	55,990	8	68,326	8	80,663	8	92,999	8	105,336	8	117,672				
1/4	6,920	1/4	19,256	1/4	31,588	1/4	43,911	1/4	56,247	1/4	68,583	1/4	80,920	1/4	93,256	1/4	105,593	1/4	117,929				
1/2	7,177	1/2	19,513	1/2	31,844	1/2	44,168	1/2	56,504	1/2	68,840	1/2	81,177	1/2	93,513	1/2	105,850	1/2	118,186				
3/4	7,434	3/4	19,770	3/4	32,101	3/4	44,425	3/4	56,761	3/4	69,097	3/4	81,434	3/4	93,770	3/4	106,107	3/4	118,443				
9	7,691	9	20,027	9	32,357	9	44,682	9	57,018	9	69,354	9	81,691	9	94,027	9	106,364	9	118,700				
1/4	7,948	1/4	20,284	1/4	32,614	1/4	44,939	1/4	57,275	1/4	69,611	1/4	81,948	1/4	94,284	1/4	106,621	1/4	118,957				
1/2	8,205	1/2	20,541	1/2	32,870	1/2	45,196	1/2	57,532	1/2	69,868	1/2	82,205	1/2	94,541	1/2	106,878	1/2	119,214				
3/4	8,462	3/4	20,798	3/4	33,127	3/4	45,453	3/4	57,789	3/4	70,125	3/4	82,462	3/4	94,798	3/4	107,135	3/4	119,471				
10	8,719	10	21,055	10	33,384	10	45,710	10	58,046	10	70,383	10	82,719	10	95,055	10	107,392	10	119,728				
1/4	8,976	1/4	21,312	1/4	33,640	1/4	45,967	1/4	58,303	1/4	70,640	1/4	82,976	1/4	95,312	1/4	107,649	1/4	119,985				
1/2	9,233	1/2	21,569	1/2	33,897	1/2	46,224	1/2	58,560	1/2	70,897	1/2	83,233	1/2	95,569	1/2	107,906	1/2	120,242				
3/4	9,490	3/4	21,826	3/4	34,153	3/4	46,481	3/4	58,817	3/4	71,154	3/4	83,490	3/4	95,826	3/4	108,163	3/4	120,499				
11	9,747	11	22,083	11	34,410	11	46,738	11	59,074	11	71,411	11	83,747	11	96,083	11	108,420	11	120,756				
1/4	10,004	1/4	22,340	1/4	34,666	1/4	46,995	1/4	59,331	1/4	71,668	1/4	84,004	1/4	96,340	1/4	108,677	1/4	121,013				
1/2	10,261	1/2	22,597	1/2	34,923	1/2	47,252	1/2	59,588	1/2	71,925	1/2	84,261	1/2	96,597	1/2	108,934	1/2	121,270				
3/4	10,518	3/4	22,854	3/4	35,179	3/4	47,509	3/4	59,845	3/4	72,182	3/4	84,518	3/4	96,854	3/4	109,191	3/4	121,527				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPWS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
http://www.pmaacorp.net



BARGF "IB 1907"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	121,784	1/4	134,121	1/4	146,457	1/4	158,794	1/4	171,125	1/4	183,457	1/4	195,784	1/4	208,111	1/4	220,438	1/4	232,765
1/2	122,041	1/2	134,378	1/2	146,714	1/2	159,051	1/2	171,389	1/2	183,726	1/2	196,063	1/2	208,400	1/2	220,737	1/2	233,074
3/4	122,298	3/4	134,635	3/4	146,971	3/4	159,308	3/4	171,644	3/4	183,981	3/4	196,318	3/4	208,655	3/4	220,992	3/4	233,329
1	122,555	1	134,892	1	147,228	1	159,565	1	171,901	1	184,238	1	196,575	1	208,912	1	221,249	1	233,586
1 1/4	122,812	1 1/4	135,149	1 1/4	147,485	1 1/4	159,822	1 1/4	172,158	1 1/4	184,495	1 1/4	196,832	1 1/4	209,169	1 1/4	221,506	1 1/4	233,843
1 1/2	123,069	1 1/2	135,406	1 1/2	147,742	1 1/2	160,079	1 1/2	172,415	1 1/2	184,752	1 1/2	197,089	1 1/2	209,426	1 1/2	221,763	1 1/2	234,100
2	123,326	2	135,663	2	148,000	2	160,336	2	172,672	2	185,009	2	197,345	2	209,682	2	222,020	2	234,357
2 1/4	123,583	2 1/4	135,920	2 1/4	148,257	2 1/4	160,593	2 1/4	172,929	2 1/4	185,266	2 1/4	197,603	2 1/4	209,939	2 1/4	222,277	2 1/4	234,614
2 1/2	123,840	2 1/2	136,177	2 1/2	148,514	2 1/2	160,850	2 1/2	173,186	2 1/2	185,523	2 1/2	197,860	2 1/2	210,196	2 1/2	222,534	2 1/2	234,871
1/4	124,097	1/4	136,434	1/4	148,770	1/4	161,107	1/4	173,443	1/4	185,780	1/4	198,117	1/4	210,453	1/4	222,793	1/4	235,128
1/2	124,354	1/2	136,691	1/2	149,027	1/2	161,364	1/2	173,700	1/2	186,037	1/2	198,374	1/2	210,710	1/2	223,050	1/2	235,385
3/4	124,611	3/4	136,948	3/4	149,284	3/4	161,621	3/4	173,956	3/4	186,293	3/4	198,630	3/4	210,970	3/4	223,307	3/4	235,642
1	124,868	1	137,205	1	149,541	1	161,878	1	174,213	1	186,487	1	198,837	1	211,187	1	223,564	1	235,900
1 1/4	125,126	1 1/4	137,462	1 1/4	149,798	1 1/4	162,135	1 1/4	174,470	1 1/4	186,749	1 1/4	199,100	1 1/4	211,444	1 1/4	223,821	1 1/4	236,157
1 1/2	125,383	1 1/2	137,719	1 1/2	150,055	1 1/2	162,392	1 1/2	174,727	1 1/2	186,962	1 1/2	199,357	1 1/2	211,701	1 1/2	224,078	1 1/2	236,414
2	125,640	2	137,976	2	150,312	2	162,649	2	174,984	2	187,219	2	199,614	2	211,958	2	224,335	2	236,671
2 1/4	125,897	2 1/4	138,233	2 1/4	150,569	2 1/4	162,906	2 1/4	175,241	2 1/4	187,476	2 1/4	199,871	2 1/4	212,215	2 1/4	224,592	2 1/4	236,928
2 1/2	126,154	2 1/2	138,490	2 1/2	150,826	2 1/2	163,163	2 1/2	175,498	2 1/2	187,733	2 1/2	199,938	2 1/2	212,472	2 1/2	224,849	2 1/2	237,185
1/4	126,411	1/4	138,747	1/4	151,083	1/4	163,420	1/4	175,755	1/4	187,990	1/4	199,994	1/4	212,729	1/4	225,106	1/4	237,442
1/2	126,668	1/2	139,004	1/2	151,340	1/2	163,677	1/2	176,012	1/2	188,247	1/2	200,251	1/2	212,986	1/2	225,363	1/2	237,700
3/4	126,925	3/4	139,261	3/4	151,597	3/4	163,934	3/4	176,269	3/4	188,504	3/4	200,508	3/4	213,241	3/4	225,620	3/4	237,957
1	127,182	1	139,518	1	151,854	1	164,191	1	176,532	1	188,767	1	200,767	1	213,503	1	225,877	1	238,214
1 1/4	127,439	1 1/4	139,775	1 1/4	152,111	1 1/4	164,448	1 1/4	176,789	1 1/4	189,024	1 1/4	201,024	1 1/4	213,764	1 1/4	226,134	1 1/4	238,471
1 1/2	127,696	1 1/2	140,032	1 1/2	152,369	1 1/2	164,705	1 1/2	177,046	1 1/2	189,281	1 1/2	201,281	1 1/2	214,025	1 1/2	226,391	1 1/2	238,728
2	127,953	2	140,289	2	152,626	2	164,962	2	177,302	2	189,538	2	201,538	2	214,286	2	226,648	2	238,985
2 1/4	128,210	2 1/4	140,546	2 1/4	152,883	2 1/4	165,219	2 1/4	177,563	2 1/4	189,794	2 1/4	201,794	2 1/4	214,541	2 1/4	226,904	2 1/4	239,242
2 1/2	128,467	2 1/2	140,803	2 1/2	153,140	2 1/2	165,476	2 1/2	177,824	2 1/2	190,050	2 1/2	202,050	2 1/2	214,800	2 1/2	227,160	2 1/2	239,499
1/4	128,724	1/4	141,060	1/4	153,397	1/4	165,733	1/4	178,085	1/4	190,305	1/4	202,305	1/4	215,055	1/4	227,415	1/4	239,756
1/2	128,981	1/2	141,317	1/2	153,654	1/2	166,000	1/2	178,342	1/2	190,562	1/2	202,562	1/2	215,312	1/2	227,672	1/2	240,013
3/4	129,238	3/4	141,574	3/4	153,911	3/4	166,257	3/4	178,601	3/4	190,819	3/4	202,819	3/4	215,570	3/4	227,929	3/4	240,270
1	129,495	1	141,831	1	154,168	1	166,514	1	178,860	1	191,076	1	203,076	1	215,826	1	228,186	1	240,527
1 1/4	129,752	1 1/4	142,088	1 1/4	154,425	1 1/4	166,771	1 1/4	179,117	1 1/4	191,333	1 1/4	203,333	1 1/4	216,083	1 1/4	228,443	1 1/4	240,784
1 1/2	130,009	1 1/2	142,345	1 1/2	154,682	1 1/2	167,028	1 1/2	179,374	1 1/2	191,590	1 1/2	203,590	1 1/2	216,340	1 1/2	228,700	1 1/2	241,041
2	130,266	2	142,602	2	154,939	2	167,285	2	179,629	2	191,846	2	203,846	2	216,596	2	228,956	2	241,298
2 1/4	130,523	2 1/4	142,859	2 1/4	155,196	2 1/4	167,542	2 1/4	179,885	2 1/4	192,102	2 1/4	204,102	2 1/4	216,853	2 1/4	229,213	2 1/4	241,555
2 1/2	130,780	2 1/2	143,116	2 1/2	155,453	2 1/2	167,799	2 1/2	180,141	2 1/2	192,359	2 1/2	204,361	2 1/2	217,111	2 1/2	229,471	2 1/2	241,812
1/4	131,037	1/4	143,373	1/4	155,710	1/4	168,046	1/4	180,398	1/4	192,616	1/4	204,616	1/4	217,368	1/4	229,728	1/4	242,069
1/2	131,294	1/2	143,630	1/2	155,967	1/2	168,303	1/2	180,650	1/2	192,870	1/2	204,870	1/2	217,625	1/2	229,985	1/2	242,326
3/4	131,551	3/4	143,887	3/4	156,224	3/4	168,560	3/4	180,902	3/4	193,122	3/4	205,122	3/4	217,882	3/4	230,242	3/4	242,583
1	131,808	1	144,144	1	156,481	1	168,817	1	181,153	1	193,373	1	205,373	1	218,134	1	230,500	1	242,840
1 1/4	132,065	1 1/4	144,401	1 1/4	156,738	1 1/4	169,074	1 1/4	181,410	1 1/4	193,630	1 1/4	205,630	1 1/4	218,390	1 1/4	230,757	1 1/4	243,097
1 1/2	132,322	1 1/2	144,658	1 1/2	156,995	1 1/2	169,331	1 1/2	181,667	1 1/2	193,887	1 1/2	205,887	1 1/2	218,647	1 1/2	231,014	1 1/2	243,354
2	132,579	2	144,915	2	157,252	2	169,588	2	181,924	2	194,144	2	206,144	2	218,902	2	231,271	2	243,611
2 1/4	132,836	2 1/4	145,172	2 1/4	157,509	2 1/4	169,844	2 1/4	182,180	2 1/4	194,400	2 1/4	206,400	2 1/4	219,159	2 1/4	231,528	2 1/4	243,868
2 1/2	133,093	2 1/2	145,429	2 1/2	157,766	2 1/2	170,101	2 1/2	182,437	2 1/2	194,657	2 1/2	206,657	2 1/2	219,416	2 1/2	231,785	2 1/2	244,125
1/4	133,350	1/4	145,686	1/4	158,023	1/4	170,357	1/4	182,694	1/4	194,914	1/4	206,914	1/4	219,674	1/4	232,042	1/4	244,382
1/2	133,607	1/2	145,943	1/2	158,280	1/2	170,613	1/2	182,951	1/2	195,171	1/2	207,171	1/2	219,931	1/2	232,300	1/2	244,639
3/4	133,864	3/4	146,200	3/4	158,537	3/4	170,869	3/4	183,207	3/4	195,429	3/4	207,429	3/4	220,190	3/4	232,557	3/4	244,896

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2019 JS
 CALCULATED: 05/21/2019 CL
 PRINTED: 05/21/2019 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/20/19

PRECISION MEASUREMENT
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